




GEMMOLOGICAL REPORT

image is approximate

Date 29-Jan-20
 Report number R-202024917
 Weight 2.123 carats
 Measurements 8.93 x 6.86 x 4.17 mm
 Shape Oval
 Identification Natural Sapphire
 Colour Pastel Orange

Comment : No Indication of thermal treatment

Origin determination: Burma (Myanmar)
 Burma sapphires were formed some 30 million years ago

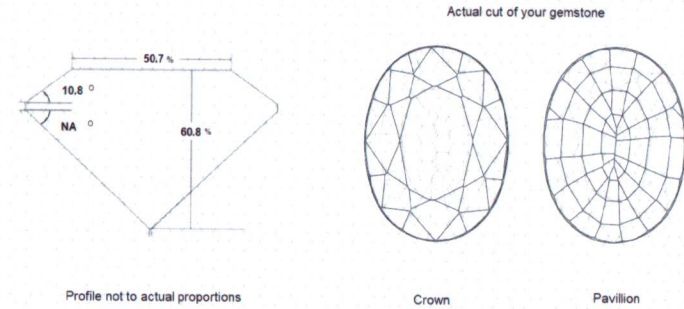

 Dr. D. Schwarz




 M.P.H. Curti, GG

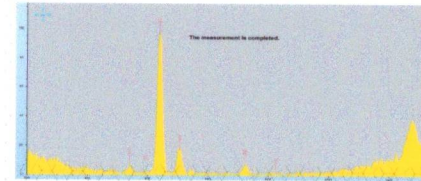
GEMMOLOGICAL PROPERTIES

The data collected on your item is valid at the issuance date of this report



Length	8.93	Width	6.86	Height	4.17
Ratio	1.30	Crown Angle	10.8	Pavilion Angle	NA

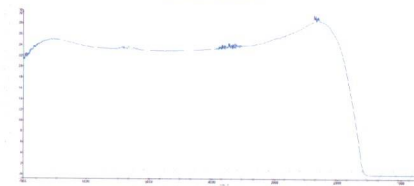
Energy-dispersive X-ray fluorescence spectroscopy



Raman Spectroscopy



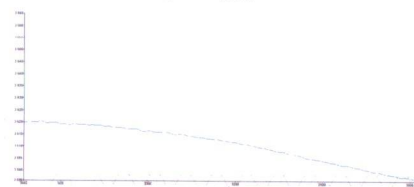
Fourier-transform infrared spectroscopy (T%)



Photoluminescence



Fourier-transform infrared spectroscopy (A)



Ultraviolet-visible spectroscopy



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